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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **1** of **1**

Complete if Known

Application Number	09/815,898
Filing Date	03/22/01
First Named Inventor	Brad Armstrong
Group Art Unit	
Examiner Name	
Attorney Docket Number	none



U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner
Signature

T. Edwards

Date _____

Considered

11/4/01

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Sheet

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6

Application Number

09/815,898

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First Named Inventor

Brad A. Armstrong

Group Art Unit

Examiner Name

Attorney Docket Number

MAY 3-0 2001

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U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
TE		5565891		Armstrong	1996/10	
TE		5589828		Armstrong	1996/12	
TE		5999084		Armstrong	1999/12	
TE		6102802		Armstrong	2000/8	
		6135886		Armstrong	2000	
TE		6198473		Armstrong	2001/3	
		6208271		Armstrong	2001	
		6222525		Armstrong	2001	
TE		3611068		Fujita	1971/10	
TE		3806471		Mithell	1974/4	
TE		3952173		Tsuii	1976/4	
TE		3988556		Hyodo	1976/10	
TE		4224602		Anderson	1980/9	
TE		4313113		Thornburg	1982/1	
TE		4315238		Eventoff	1982/2	
TE		4552360		Bromley	1985/1/1	
TE		4673919		Kataoka	1987/6	
TE		4786895		Castaneda	1988/11	
TE		4866542		Shimada	1989/9	
TE		5164697		Kramer	1992/11	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
			wo9532776		Nomeo	1995		
			ep1080753		Nomeo	2001		
			jp6154422		Nomeo	1994		
			jp9218737		Nomeo	1997		
			ep1080753		Nomeo	2001		
			ep0337458		Nomeo	1989		
			ep0337458		Nomeo	1989		
			jp7281824		Nomeo	1995		
			ep0470615		Nintendo	1992		
			ep0579448		Texas Instruments	1994		

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Sheet	2	of	6
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Brad A. Armstrong

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		Number	Kind Code* (# known)			
TE		5200597		Eastman	1993/4	
TE		5207426		Inoue et al	1993/5	
TE		5282089		Parsons	1994/2	
TE		5311779		Teruo	1994/5	
TE		5315204		Park	1994/5	
TE		5364108		Esnouf	1994/11	
TE		5365494		Lynch	1994/11	
TE		5376913		Pine et al	1994/12	
TE		5396235		Maeshima et al	1995/3	
TE		5440237		Brown et al	1995/8	
TE		5457478		Frank	1995/10	
TE		5640566		Victor et al	1997/6	
TE		5670955		Thorne III et al	1997/9	
TE		5673237		Blank	1997/9	
TE		5675329		Barker et al	1997/10	
TE		5689285		Asher	1997/11	
TE		5764219		Rutledge et al	1998/6	
TE		5778404		Capps et al	1998/7	
TE		5790102		Nassima	1998/8	
TE		5847305		Yoshikawa et al	1998/12	

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Application Number

09/815, 848

Filing Date

First Named Inventor

Brad A. Armstrong

Group Art Unit

Examiner Name _____

Attorney Docket Number

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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Sheet 5 of 6Application Number 09/815,189

Filing Date

First Named Inventor Brad A. Armstrong

Group Art Unit

Examiner Name

Attorney Docket Number

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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (# known)			
		THE BELOW LISTED DISCLOSURES FROM Questel-Orbit QWEB 1-24 pages				
		(hereto attached)				
		5898359		Delco	1999	
		5550339		CTS Corp.	1996	
		5847639		Interlink	1998	
		5867808		IBM	1999	
		5287089		Parsons	1994	
		5132658		Sensym INC.	1992	
		5196782		Luntron	1991	
		4975676		Spectra	1990	
		4694231		Alvite	1987	
		4615252		Asahi	1986	
		4301337		Eventoff	1981	
		4314228		Eventoff	1982	
		4315238		Eventoff	1982	
		4268815		Eventoff	1981	
		4276538		Eventoff	1981	

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		Office ³	Number ⁴				
			jp11031606	Teikoku	1999		
			jp09223607	Teikoku	1997		
			jp09213168	Teikoku	1997		
			DE19606408	Contelec	1997		
			GB2308448	Samsung	1997		
			RU2010369	Smyslov	1994		
			GB2267392	Collins	1993		
			jp05151828	Yokohama	1993		
			jp04155707	Yokohama	1992		
			jp03108701	Canon	1991		

Questel-Orbit data continued on next sheet

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Filing Date**First Named Inventor**

Brad A. Armstrong 9

Group Art Unit

Examiner Name _____

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H1046 U.S. Pto
09/815898

Examiner Initials*	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code² (if known)			
		5315204		PARK KYUNG	5-24-94	
		5440237		BROWN ETAL	1995	
		4224602		ANDERSON ETAL	1980	
		3806471		MITCHELL	1974	
		4315238		EKERTOFF	1982	
		4866542		SHIMADA ETAL	1989	
		5670955		THORNE ETAL	1997	
		5943044		MARTINELLI ETAL	1999	
		5995076		SELLERS	1999	
		5854624		GRAANT	1998	
		5790102		MASSIMI	1998	
		5999084		ARMSTRONG	1999	
		5910798		KIM	1999	
TS		4313113		THORNBERG	1982	
		6049812		BERTAM ETAL	2000	
		5883619		HO ETAL	1999	
		5457478		FRANK	1995	
		6020884		MACNAUGHTON ETAL	2000	
		5530455		GILICK ETAL	1996	
		5313229		GILLIGAN ETAL	1994	

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		Number (if known)			
		5657051	LIAO	1997	
		5659334	S. VANIGER	1997	
		4315238	F. EVENTOFF	1982	
		3806471	MITCHELL	1974	
		5164697	KRAMER	1992	
		5396235	MAESHIMA ETAL	1995	
TE		5510812	O'MARA	1996/4	
TE		5207426	INOUE ETAL	1993/5	
TE		5764219	RUTLEDGE	1998/6	
TE		5689285	ASHER	1997/11	
		6040821	FRANZ	2000	
		4786895	CASTANEDA	1988	
		4673919	KATAOKA	1987	
		5675329	BARKER ETAL	1997	
		5376913	PINE ETAL	1994	
		3611068	FUJITA	1991	
		5287089	PARSONS	1994	
		5311779	FERRO	1994	
		3710050	RICHARDS	1973	
TE		5200597	EASTMAN	1993/4	

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